AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following rewritten title:

METHOD TO PROVIDE AUTHORIZATION[[,]] <u>FROM</u> A CERTIFYING

AUTHORITY[[,]] A TERMINAL, <u>TO</u> A SERVICE PROVIDER <u>USING</u> AND A

CERTIFICATE REALIZING SUCH A METHOD AND A TELECOMMUNICATION

NETWORK COMPRISING SUCH A CERTIFYING AUTHORITY, SUCH A TERMINAL,

SUCH A SERVICE PROVIDER AND SUCH A CERTIFICATE

Please amend the written disclosure as follows:

Page 1, first full paragraph:

The present invention relates to a method to provide authorization by a certifying authority to a service provider to execute predefined functionality when a service is provided by the ~~said~~ service provider to a terminal of a user, the ~~said~~ method including ~~includes~~ the step of delivering a certificate, to a certifying authority.[[,]] The present invention is also related to a terminal, a service provider and a certificate realizing the ~~such a~~ method ~~as described in the preamble of claim 7, claim 8, claim 9 and claim 10 respectively~~ and to a telecommunication network comprising ~~such~~ a certifying authority, ~~such~~ a terminal and ~~such~~ a service provider ~~as described in the preamble of claim 11~~.

Page 4, second full paragraph:

The invention solves the problem by dividing the service providers into more detailed categories by giving a service provider access only to well specified functionality. This is realized by comprising in the certificate of a service provider a definition of the predefined functionality which is allowed to be executed by the service provider and which is part of the global functionality that supports the telecommunication environment. ~~This is described by the method of claim 1 and is realized by the certifying authority of claim 7, the terminal of claim 8, the service provider of claim 9 and the certificate of claim 10 that are included in the telecommunication network of claim 11.~~

Paragraph bridging Pages 4 and 5:

A drawback of the present invention is however that the certificate gets larger by comprising a definition of the allowed functionality. <u>To overcome this deficiency, a hierarchical tree-like structure is used.</u>~~A characteristic feature that is a solution to this drawback is described in claim 2.~~ Indeed, by introducing <u>a</u> ~~an~~ hierarchical tree-like structure in the organization of the global functionality the definition of the predefined allowed functionality can at least partly be realized by a definition of a branch of the structure. Hereby authorization is provided to predefined functions of the predefined functionality that are related to the branch. In this way also libraries identifiers and function identifiers as defined by the wireless mark-up script language can be used to be mentioned in order to provide authorization for, ~~either~~ one function, all functions from one library or all functions in all libraries: e.g., enable-all, enable-library-identifier, enable-function-identifier.

Page 5, first full paragraph:

<u>Another aspect of the present invention is</u> ~~A further improvement of~~ the definition of the predefined allowed functionality in the certificate ~~is realized with claim 3~~. Herein it is described that the definition of the predefined functionality is at least partly realized by a revocation of part of the global functionality. This is e.g. implemented by using not only an 'enable' function with an allowed function as argument but also by using an 'disable' function with a revoked function as argument. Herewith, authorization to all functions of a library except one can easily be realized by enabling the library and disabling the revoked function.

Page 5, second full paragraph:

The ~~A further implementation is described in claim 4. Herein it is described that the~~ definition of the predefined functionality comprises definitions of wireless mark-up script language. Indeed, such implementation takes the advantage of making use of already existing and defined functions in a common known scripting language. These functions are described in a specification: '*Wireless Application Protocol Wireless Markup Language Script WMLScript Language Specifications, version 30 April 1998 published by the WAP Wireless Application Protocol Forum.*'

Paragraph bridging Pages 5 and 6:

Furthermore, as already mentioned above, the Wireless Telephony Application Interface libraries are organizing wireless mark-up script language functions into predefined functions and libraries such as call control, sending of short messages or managing a phone book. These functions and libraries of the wireless telephony application functions can also be used to define the allowed predefined functionality in the certificate. They are specified in the '*Wireless Application Protocol Wireless Telephony Application Interface specifications, from the WAP forum and published at April 30, 1998.*' ~~This is described in claim 5.~~

Page 6, first-full paragraph:

Yet the definitions of standard functions of a terminal are introduced into the definition of

the allowed predefined functionality. Indeed, by introducing standard functions as specified

according to the *'Wireless Application Protocol WMLScript Standard Libraries Specifications,*

published by the WAP Forum at <u>April</u> ~~april~~ 30, 1998' a service provider is allowed to use this

standard functionality in order to provide e.g. calculator application. ~~This is described in claim~~

~~6.~~

Page 7, second full paragraph:

The above and other objects and features of the invention will become more apparent and

the invention itself will be best understood by referring to <u>FIG. 1</u> ~~the accompanying figure~~ which

illustrates a telecommunication network.

Page 7, third full paragraph:

First, the working of the method of the present invention will be explained by means of a

functional description of the functional blocks shown in <u>FIG. 1</u> ~~the figure~~. Based on this

description, implementation of the functional blocks will be obvious to a person skilled in the art

and will therefor not be described in further detail. In addition, the principle working of the

method to provide authorization will be described.

Page 7, fourth full paragraph:

Referring to <u>FIG. 1,</u> ~~the figure~~ a telecommunication environment is shown. The telecommunication environment comprises a certifying authority CA, a terminal T of a user and a service provider SP.

Page 7, fifth full paragraph:

The certifying authority CA is coupled via a telecommunication network to the service provider SP and to the terminal T. Also the service provider SP and the terminal T are coupled to each other via the telecommunication network. However, in order not to overload <u>FIG. 1</u>~~the Figure~~, this telecommunication network ~~is~~ in <u>FIG. 1 is</u> ~~the Figure~~ only shown in a simple way of inputs and outputs of the different included elements. Furthermore it has to be understood that it is clear to a person skilled in the art that such a telecommunication network includes more than one service provider SP, more than one terminal T and even might include more than one certifying authority. Since the invention can be explained only by mentioning the different above elements more elements are not shown in <u>FIG. 1</u>~~the figure~~.

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

A method for use in a telecommunication environment that provides authorization by a certifying authority to a service provider whereby the service provider is allowed to execute predefined functionality when a service is provided by the service provider to a terminal of a user. The method delivers a certificate from the certifying authority to the service provider. The method defines, in the certificate, a definition of the predefined allowed functionality that is part of a global functionality supported in the telecommunication environment.